Continuing section 6

Use the Help features of the interface to help you configure the device. When you have finished configuring the device, press 'Commit' to save the changes, then 'Restart' to restart the device. You can optionally press 'Reload' if you have further configuration changes to make.

7 Check Your Setup

If your device is connected and configured correctly, you will see the following LED Status:

POWER:	GREEN
LINK:	GREEN
COM:	GREEN

8 Troubleshooting

LED	Color	Airborne Device State
POWER		Adapter is not powered.
	Red	Adapter failed Power On Self Test (POST)
	Orange	Adapter passed POST but is not configured for wireless network communication.
	Green	Adapter passed post and is configured for wireless communication.
LINK		Adapter is not powered.
	Red/Grey	(Periodic Blinking) Adapter is searching for a valid network (Access Point) that matches device's configuration.
	Green	Adapter has successfully associated with an Access Point.
COMM		If Power LED is also Off then Adapter is not powered. If Power LED is On then either: • A physical connection detected on Serial/Ethernet cable. • No TCP session from wireless interface has been established.
	Red	No physical Serial/Ethernet connection has been detected.
	Red/Grey	(Blinking – OFF/Red) A physical Serial/Ethernet connection has been detected and there is traffic across the interface. No TCP connection to the adapter has been established on the wireless interface.
	Orange	A TCP connection to the adapter from the wireless interface has been established but no physical connection on the Serial/Ethernet interface has been detected
	Green/Orange	(Blinking – Green/Orange) A physical Serial/Ethernet connection has been detected and there is Serial/Ethernet traffic across the interface. A TCP connection to the adapter has been established (On WLAN or Ethernet interface).
	Green	A physical Serial/Ethernet connection has been detected. A TCP connection to the adapter has been established from the WLAN or Ethernet interface but no traffic has been detected.

Document number – PN710-00049-00_R2_ABDx-ER-DP551_0714qsg

More AirborneM2M Products

APMN-Q551
Embedded Dual Band M2M Access Point Module

http://www.bb-elec.com/Products/Wireless-Cellular/AirborneM2M-Embedded-Dual-Band-Wireless-Module/AirborneM2M-Embedded-Dual-Band-Access-Point-Module.aspx

APXG-Q5420
802.11 Wireless Router, Access Point and Serial Device Server

http://www.bb-elec.com/Products/Wireless-Cellular/Wireless-Ethernet-Bridge-Access-Point-Client-Bridg/Airborne-Industrial-Wireless-Access-Point.aspx

Fast, Easy Answers

First, check your LEDs.

Then use your smart phone to access complete documentation on our web site. Simply scan the code to the right or visit the B&B Electronics Knowledge Base:
http://support.bb-elec.com/knowledgec.aspx

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ABDx-ER-DP551 and ABDx-ERDP551U

Wireless Ethernet Adapter

✓ First Things First...

Before you begin, be sure you have the following:

○ ABDx-ER-DP551 or ABDx-ER-DP551U
○ CD with Airborne Management Center software
○ (**ABDN-ER-DP551**) 5 VDC power supply with 2.1 mm barrel jack
  OR:
  (**ABDN-ER-DP551U**) Dual (Y) USB power cable with 2.1 mm barrel jack
○ 50 ohm, omni-directional antenna

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Fast and easy on the web: *www.bb-elec.com*

Product Overview

LEDs

Antenna

Power Port

LAN Cable

1 Attach the Antenna

Connect the Antenna to the antenna connector located on top of the device.

2 Connect Ethernet

Connect the Ethernet cable to an Ethernet port on a host computer or network router/switch.

3 Connect Power Supply

(ABDN-ER-DP551) Connect the power supply to an AC power outlet. Plug the barrel connector from the AC power supply into the ABDN-ER-DP551's power port.

(ABDN-ER-DP551U) Plug the Dual (Y) USB cable's two USB connectors into two USB ports. Plug the Dual (Y) USB cable's barrel connector into the ABDN-ER-DP551U's power port.

4 Connect to the Device

Run the Airborne Management Center (AMC) application. If you don't currently have AMC installed, you can install it from the included CD or download and install it from the B&B website. Just search for the model number and follow the links to download software from the Downloads section of the product page

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When AMC starts, it will request a login:
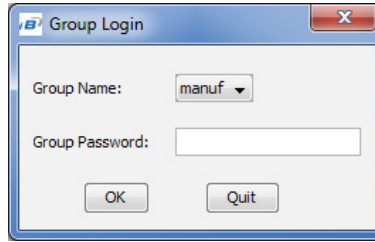
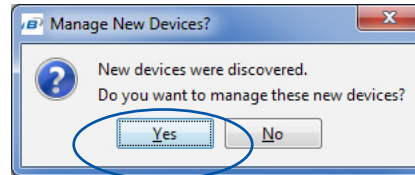Select Group Name: "manuf" and enter Group Password: "dpac"

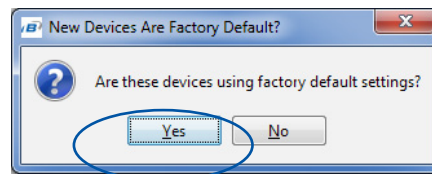AMC will load and discover the attached device:
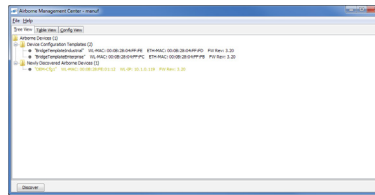
Note: You may be required to wait up to 180 seconds before the device is discovered and displayed.
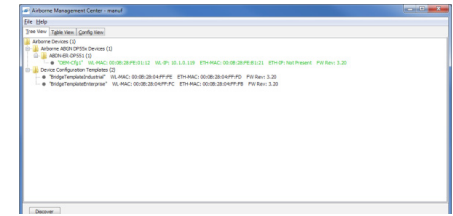
5 Manage Your Device

AMC will ask if you want to manage the new device, select 'Yes':

Select 'Yes' to indicate device is using Factory Default settings:

AMC will display the found Airborne device(s):

Tip: To easily convert a Direct Ethernet device to a bridge, use the Bridge Templates in AMC. For additional information, search the B&B Knowledge base for "bridge templates".
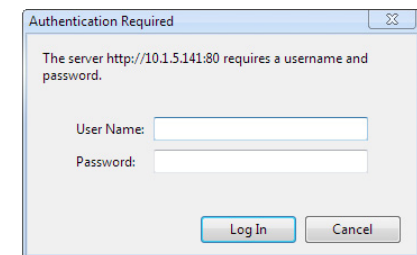
Right click the device's name. Under "Connectivity Tools" choose "launch Web browser for OEM-Cfg1." This will open the device's browser-based management window.
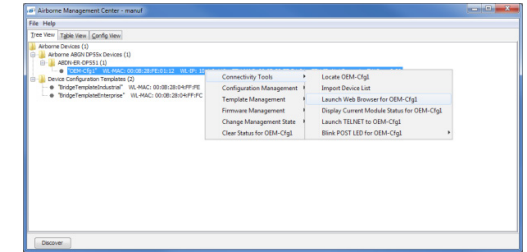
6 Configure Your Device

Login to web interface:

Username "dpac"
Password: "dpac"

Continue configuration via the Web interface. Start with the Configuration -> Express Setup page.